

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No. :10/584,207 Confirmation No.:3654
 Applicant :Colgan et al.
 Filed :June 23, 2006
 TC/A.U. :1646
 Examiner :Unassigned
 Customer No. :00270
 Title :METHODS FOR DETECTING MARKERS ASSOCIATED
 WITH ENDOMETRIAL DISEASE OR PHASE

Mail Stop Missing Parts
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

REQUEST FOR CORRECTION OF FILING RECEIPT

Sir:

This paper is filed to correct the Filing Receipt dated June 6, 2008. In summary, Applicants are requesting correction of co-inventor K.W. Michael Siu's first and middle names, the addition of the three (3) co-inventors Leroi DeSouza, Georg Diehl, and Jingzhong Guo, and correction of the Assignee information from York University to K.W. Michael Siu.

As required, Applicants attach a copy of the Filing Receipt with the handwritten requested changes.

For the convenience of the US Patent and Trademark Office, Applicants also provide a copy of:

Exhibit A: A copy of the as-filed Supplemental Application Data Sheet filed on December 5, 2007 which correctly notes the Assignee information as K.W. Michael Siu.

- Exhibit B: A copy of the as-filed Response to Notice to File Missing Parts filed on November 28, 2007 with copies of the executed Declarations and Statements to Add Inventors which note the addition of the three (3) co-inventors and also notes the Assignee as K.W. Michael Siu.
- Exhibit C: A copy of the as-filed Second Supplemental Application Data Sheet filed on June 30, 2008 which corrected the first and last name of co-inventor K.W. Michael Siu and added the three (3) omitted co-inventors information.

The Director is hereby authorized to charge any deficiency in any fees due with the filing of this paper or during the pendency of this application, or credit any overpayment in any fees to our Deposit Account No. 08-3040.

Respectfully submitted,

HOWSON & HOWSON LLP
Attorneys for Applicants

By Mary E. Bak
Mary E. Bak
Registration No. 31,215
501 Office Center Drive
Suite 210
Fort Washington, PA 19034
Phone: (215) 540-9200
Facsimile: (215) 540-5818



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
10/584,207	11/28/2007	1646	1715	MTS5USA	46	6

CONFIRMATION NO. 3654

270
HOWSON AND HOWSON
SUITE 210
501 OFFICE CENTER DRIVE
FT WASHINGTON, PA 19034

FILING RECEIPT



OC000000030293418

Date Mailed: 06/06/2008

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

Applicant(s)

Terence J. Colgan, Toronto, ON, CANADA;
K.W. MICHAEL Michael K.W. Siu, Toronto, ON, CANADA;
Alexander D. Romaschin, Toronto, ON, CANADA;
Eric C.C. Yang, Toronto, ON, CANADA;
LEROI DESOUSA, NORTH YORK, ON, CANADA
GEORG DIEHL, WEIL AM RHEIN, GERMANY
JINGZHONG GUO, SAINT-LAURENT, QC, CANADA

Assignment For Published Patent Application

MOUNT SINAI HOSPITAL, TORONTO, CANADA
K.W. MICHAEL SIU YORK UNIVERSITY, TORONTO, CANADA
UNIVERSITY HEALTH NETWORK, TORONTO, CANADA

Power of Attorney: The patent practitioners associated with Customer Number 00270

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/CA04/02172 12/21/2004
which claims benefit of 60/532,601 12/23/2003
and claims benefit of 60/630,990 11/24/2004

Foreign Applications

If Required, Foreign Filing License Granted: 06/04/2008

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 10/584,207**

Projected Publication Date: 09/18/2008

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

Methods For Detecting Markers Associated With Endometrial Disease or Phase

Preliminary Class

514

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as

set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SUPPLEMENTAL APPLICATION DATA SHEET

Application Information	
Application Number::	<u>10/584,207</u>
Filing Date::	<u>June 23, 2006</u>
Application Type::	Regular
Subject Matter::	Utility
Suggested Classification::	
Suggested Group Art Unit::	
CD-ROM or CD-R::	None
Number of CD disks::	0
Number of Copies of CDs::	0
Sequence Submission?::	Yes
Computer Readable Form (CRF)?::	Yes
Number of Copies of CRF::	1
Title::	METHODS FOR DETECTING MARKERS ASSOCIATED WITH ENDOMETRIAL DISEASE OR PHASE
Attorney Docket Number::	MTS5USA
Request for Early Publication?	No
Request for Non-Publication?	No
Suggested Drawing Figure::	
Total Drawing Sheets::	39
Small Entity::	Yes
Latin name::	
Variety denomination name	
Petition Included::	No
Petition Type	
Licensed US Govt. Agency::	No
Contract or Grant Number::	
Secrecy Order in Parent Application::	No

Applicant Information	
Applicant Authority Type::	Inventor
Primary Citizenship Country::	Canada
Status::	Full Capacity
Given Name::	Terence
Middle Name::	J.
Family Name::	Colgan
Name Suffix::	
City of Residence::	Toronto
State or Province of Residence::	Ontario
Country of Residence::	Canada
Street of Mailing Address::	46 Plymbridge Road
City of Mailing Address::	Toronto
State or Province of Mailing Address::	Ontario
Country of Mailing Address::	Canada
Postal or Zip Code of Mailing Address::	M2P 1A3

Applicant Information	
Applicant Authority Type::	Inventor
Primary Citizenship Country::	Canada
Status::	Full Capacity
Given Name::	Michael
Middle Name::	K.W.
Family Name::	Siu
Name Suffix::	
City of Residence::	Toronto
State or Province of Residence::	Ontario
Country of Residence::	Canada
Street of Mailing Address::	27 Cobblestone Drive
City of Mailing Address::	Toronto
State or Province of Mailing Address::	Ontario
Country of Mailing Address::	Canada
Postal or Zip Code of Mailing Address::	M2J 2X6

Applicant Information	
Applicant Authority Type::	Inventor
Primary Citizenship Country::	Canada
Status::	Full Capacity
Given Name::	Alexander
Middle Name::	D.
Family Name::	Romaschin
Name Suffix::	
City of Residence::	Toronto
State or Province of Residence::	Ontario
Country of Residence::	Canada
Street of Mailing Address::	3 Broadfield Drive
City of Mailing Address::	Toronto
State or Province of Mailing Address::	Ontario
Country of Mailing Address::	Canada
Postal or Zip Code of Mailing Address::	M9C 1L4

Applicant Information	
Applicant Authority Type::	Inventor
Primary Citizenship Country::	Canada
Status::	Full Capacity
Given Name::	Eric
Middle Name::	C.C.
Family Name::	Yang
Name Suffix::	
City of Residence::	Toronto
State or Province of Residence::	Ontario
Country of Residence::	Canada
Street of Mailing Address::	23 Elynhill Drive
City of Mailing Address::	Toronto
State or Province of Mailing Address::	Ontario
Country of Mailing Address::	Canada
Postal or Zip Code of Mailing Address::	M2R 1C5

Correspondence Information	
Correspondence Customer Number::	00270
Name::	Howson and Howson
Street of Mailing Address	Suite 210, 501 Office Center Drive
City of Mailing Address	Fort Washington
State or Province of Mailing Address	PA
Country of Mailing Address	US
Postal or Zip Code of Mailing Address::	19034
Phone Number::	215-540-9200
Fax Number::	215-540-5818
E-Mail Address::	mebak@howsonandhowson.com

Representative Information		
Representative Customer No. 00270	Registration Number	Name

Domestic Priority Information			
Application	Continuity Type	Parent Application	Parent Filing Date
This Application	National Stage of	PCT/CA2004/002172	12/21/04
PCT/CA2004/002172	An application claiming the benefit under 35 USC 119(e) of	60/532,601	12/23/03
PCT/CA2004/002172	An application claiming the benefit under 35 USC 119(e) of	60/630,990	11/24/04

Assignee Information	
Assignee Name::	Mount Sinai Hospital
Street of Mailing Address::	600 University Avenue, Room 970
City of Mailing Address::	Toronto
State or Province of Mailing Address::	Ontario
Country of Mailing Address::	Canada
Postal or Zip Code of Mailing Address::	M5G 1X5

Assignee Information	
Assignee Name::	York University K.W. Michael Siu
Street of Mailing Address::	4700 Keele Street, 27 Cobblestone Drive Ross Building, Room N945
City of Mailing Address::	Toronto
State or Province of Mailing Address::	Ontario
Country of Mailing Address::	Canada
Postal or Zip Code of Mailing Address::	M3J 1P3 M2J 2X6

Assignee Information	
Assignee Name::	University Health Network
Street of Mailing Address::	610 University Avenue
City of Mailing Address::	Toronto
State or Province of Mailing Address::	Ontario
Country of Mailing Address::	Canada
Postal or Zip Code of Mailing Address::	M5G 2M9

MTS5USA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No. :10/584,207 Confirmation No.:3654
Applicant :Colgan et al.
Filed :June 23, 2006
TC/A.U. :1646
Examiner :Unassigned
Customer No. :00270
Title :METHODS FOR DETECTING MARKERS ASSOCIATED
WITH ENDOMETRIAL DISEASE OR PHASE

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NOTICE TO FILE MISSING PARTS
OF NON-PROVISIONAL APPLICATION
FILED UNDER 37 CFR § 1.497

Sir:

This paper is in response to the Notice to File Missing Parts of Non-Provisional Application dated May 4, 2007. A Petition to extend the time for response for five (5) months from June 4, 2007 to December 4, 2007 is enclosed.

As the USPTO will note, three (3) individuals are being named as co-inventors of this application. These added individuals were not named as co-inventors in the corresponding PCT application. As attested to by all individuals associated with this application, the omission of these co-inventors was without deceptive intent.

As required under 37 CFR § 1.497 (d), Applicants enclose the following:


- Eight (8) page executed Declaration (37 CFR 1.63) for Utility or Design Application Using an Application Data Sheet (37 CFR 1.76)
- One (1) page Statement of Person Being Added as Inventor (37 CFR § 1.497(d)) executed by Leroi DeSouza
- One (1) page Statement of Person Being Added as Inventor (37 CFR § 1.497(d)) executed by Jingzhong Guo
- One (1) Page Statement of Person Being Added as Inventor (37 CFR § 1.497(d)) executed by Georg Diehl
- Seven (7) page Consent of Assignees to Inventorship Correction (37 CFR § 1.497(d))
- Two (2) page Assignment executed by Terence J. Colgan
- Two (2) page Assignment executed by Alexander D. Romaschin
- One (1) page Assignment executed by Eric C.C. Yang
- One (1) page Assignment executed by Leroi DeSouza
- One (1) page Assignment executed by Georg Diehl
- One (1) page Assignment executed by Jingzhong Guo
- Two (2) page executed Statement Under 37 CFR 3.73(b) for Assignee K. W. Michael Siu
- One (1) page executed Statement Under 37 CFR 3.7.3(b) for Assignee University Health Network
- One (1) page executed Statement Under 37 CFR 3.7.3(b) for Assignee Mount Sinai Hospital

MTS5USA

The Director is hereby authorized to charge the fee of \$1310, which includes the \$65 surcharge, \$130 Petition fee required under 37 CFR 1.17(i), and the extension fee of \$1115 required under 37 CFR 1.17(a)(5), any deficiency in any fees due with the filing of this paper or credit any overpayment in any fees to our Deposit Account Number 08-3040.

Respectfully submitted,

HOWSON & HOWSON_{LLP}

By: 

Tracy U. Palovich

Registration No. 47,840

501 Office Center Drive, Suite 210

Fort Washington, PA 19034

Telephone: 215-540-9200

Facsimile: 215-540-5818

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76)**

Title of
Invention

Methods for Detecting Markers Associated with Endometrial Disease or Phase
(US 10/584,207; National Phase Entry of PCT/CA2004/002172)

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or
☒ Application No. PCT/CA2004/002172 filed on December 21, 2004
☐ As amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)

Inventor one: TERENCE J. COLGAN

Date: OCT. 10/07

Signature: 

Citizen of: CANADA

Inventor two: K.W. MICHAEL SIU

Date: OCT. 10, 2007

Signature: 

Citizen of: CANADA

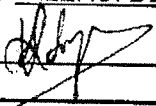
☒ Additional inventors or a legal representative are being named on _____ additional form(s) attached hereto.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**SUPPLEMENTAL SHEET TO
DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76)**

Title of Invention	Methods for Detecting Markers Associated with Endometrial Disease or Phase
-----------------------	--

FULL NAME OF INVENTOR(S)	
Inventor Three: <u>ALEXANDER D. ROMASCHIN</u> Signature: _____	Date: _____ Citizen of: <u>CANADA</u>
Inventor Four: <u>ERIC C.C. YANG</u> Signature: _____	Date: _____ Citizen of: <u>CANADA</u>
Inventor Five: <u>LEROI DESOUZA</u> Signature: 	Date: <u>10th Oct '07</u> Citizen of: <u>CANADA</u>
Inventor Six: <u>GEORG DIEHL</u> Signature: _____	Date: _____ Citizen of: _____
Inventor Seven: <u>JINGZHONG GUO</u> Signature: _____	Date: _____ Citizen of: _____

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76)**

Title of Invention	Methods for Detecting Markers Associated with Endometrial Disease or Phase (US 10/584,207: National Phase Entry of PCT/CA2004/002172)
-----------------------	--

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or
- ☒ Application No. PCT/CA2004/002172 filed on December 21, 2004
- ☐ As amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that wilful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

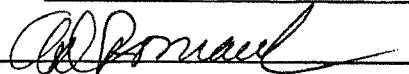
FULL NAME OF INVENTOR(S)	
Inventor one: <u>TERENCE J. COLGAN</u>	Date: _____
Signature: _____	Citizen of: <u>CANADA</u>
Inventor two: <u>K.W. MICHAEL SIU</u>	Date: <u>Nov 2, 2007</u>
Signature: <u>[Signature]</u>	Citizen of: <u>CANADA</u>
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on _____ additional form(s) attached hereto.	

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**SUPPLEMENTAL SHEET TO
DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76)**

Title of Invention	Methods for Detecting Markers Associated with Endometrial Disease or Phase
-----------------------	--

FULL NAME OF INVENTOR(S)	
Inventor Three: <u>ALEXANDER D. ROMASCHIN</u> Signature: <u></u>	Date: <u>Nov 8/07</u> Citizen of: <u>CANADA</u>
Inventor Four: <u>ERIC C.C. YANG</u> Signature: _____	Date: _____ Citizen of: <u>CANADA</u>
Inventor Five: <u>LEROI DESOUZA</u> Signature: _____	Date: _____ Citizen of: _____
Inventor Six: <u>GEORG DIEHL</u> Signature: _____	Date: _____ Citizen of: _____
Inventor Seven: <u>JINGZHONG GUO</u> Signature: _____	Date: _____ Citizen of: _____

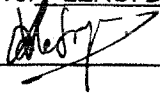
**SUPPLEMENTAL SHEET TO
DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76)**

Title of Invention	Methods for Detecting Markers Associated with Endometrial Disease or Phase
-----------------------	--

FULL NAME OF INVENTOR(S)	
Inventor Three: <u>ALEXANDER D. ROMASCHIN</u>	Date: _____
Signature: _____	Citizen of: <u>CANADA</u>
Inventor Four: <u>ERIC C.C. YANG</u>	Date: <u>Nov 5, 2007</u>
Signature: <u><i>Eric Yang</i></u>	Citizen of: <u>CANADA</u>
Inventor Five: <u>LEROI DESOUZA</u>	Date: _____
Signature: _____	Citizen of: _____
Inventor Six: <u>GEORG DIEHL</u>	Date: _____
Signature: _____	Citizen of: _____
Inventor Seven: <u>JINGZHONG GUO</u>	Date: _____
Signature: _____	Citizen of: _____


**SUPPLEMENTAL SHEET TO
DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76)**

Title of Invention	Methods for Detecting Markers Associated with Endometrial Disease or Phase
-----------------------	--

FULL NAME OF INVENTOR(S)	
Inventor Three: <u>ALEXANDER D. ROMASCHIN</u>	Date: _____
Signature: _____	Citizen of: <u>CANADA</u>
Inventor Four: <u>ERIC C.C. YANG</u>	Date: _____
Signature: _____	Citizen of: <u>CANADA</u>
Inventor Five: <u>LEROI DESOUZA</u>	Date: <u>7th Nov 07</u>
Signature: 	Citizen of: <u>CANADA</u>
Inventor Six: <u>GEORG DIEHL</u>	Date: _____
Signature: _____	Citizen of: _____
Inventor Seven: <u>JINGZHONG GUO</u>	Date: _____
Signature: _____	Citizen of: _____

**SUPPLEMENTAL SHEET TO
DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76)**

Title of Invention	Methods for Detecting Markers Associated with Endometrial Disease or Phase
-----------------------	--

FULL NAME OF INVENTOR(S)	
Inventor Three: <u>ALEXANDER D. ROMASCHIN</u>	Date: _____
Signature: _____	Citizen of: <u>CANADA</u>
Inventor Four: <u>ERIC C.C. YANG</u>	Date: _____
Signature: _____	Citizen of: <u>CANADA</u>
Inventor Five: <u>LEROI DESOUZA</u>	Date: _____
Signature: _____	Citizen of: _____
Inventor Six: <u>GEORG DIEHL</u>	Date: <u>Nov 7, 2007</u>
Signature: <u></u>	Citizen of: <u>GERMANY</u>
Inventor Seven: <u>JINGZHONG GUO</u>	Date: _____
Signature: _____	Citizen of: _____

**SUPPLEMENTAL SHEET TO
DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76)**

Title of Invention	Methods for Detecting Markers Associated with Endometrial Disease or Phase
-----------------------	--

FULL NAME OF INVENTOR(S)	
Inventor Three: <u>ALEXANDER D. ROMASCHIN</u>	Date: _____
Signature: _____	Citizen of: <u>CANADA</u>
Inventor Four: <u>ERIC C.C. YANG</u>	Date: _____
Signature: _____	Citizen of: <u>CANADA</u>
Inventor Five: <u>LEROI DESOUZA</u>	Date: _____
Signature: _____	Citizen of: _____
Inventor Six: <u>GEORG DIEHL</u>	Date: _____
Signature: _____	Citizen of: _____
Inventor Seven: <u>JINGZHONG GUO</u>	Date: <u>Nov. 7, 2007</u>
Signature: <u>Jingzhong Guo</u>	Citizen of: <u>Canada</u>

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: COLGAN, Terence J., *et al.*
Title: METHODS FOR DETECTING MARKERS
ASSOCIATED WITH ENDOMETRIAL DISEASE OR
PHASE
Application No.: 10/584,207
Filed: June 23, 2006
International Application No. PCT/CA2004/002172

**STATEMENT BY PERSON BEING ADDED AS INVENTOR
(37 C.F.R. § 1.497(d))**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
U.S.A.

Sir:

This communication is an attachment to a Declaration concurrently being filed pursuant to 35 U.S.C. 371 (c)(4) and 37 C.F.R. 1.497 in connection with the above-identified application.

I, Leroi DeSouza, residing at 325 Rancee Avenue, North York, Ontario M6A 1N9, Canada, who is being added as an inventor to correct the inventorship of this patent application do hereby declare that the inventorship error in failing to include my name as an inventor in International Application No. PCT/CA2004/002172 occurred without any deceptive intention on my part.

Date: 7th Nov, 2007

Signature: 
Leroi DeSouza

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: COLGAN, Terence J., *et al.*
Title: METHODS FOR DETECTING MARKERS
ASSOCIATED WITH ENDOMETRIAL DISEASE OR
PHASE
Application No.: 10/584,207
Filed: June 23, 2006
International Application No. PCT/CA2004/002172

**STATEMENT BY PERSON BEING ADDED AS INVENTOR
(37 C.F.R. § 1.497(d))**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
U.S.A.

Sir:

This communication is an attachment to a Declaration concurrently being filed pursuant to 35 U.S.C. 371 (c)(4) and 37 C.F.R. 1.497 in connection with the above-identified application.

J.G. *309-595 Marcel-Laurin Blvd.,* *H4M2M1* *J.G.*
I, Jingzhong Guo, residing at ~~7-1719 rue Rochon~~, Saint-Laurent, Quebec ~~H4L 1W9~~, Canada, who is being added as an inventor to correct the inventorship of this patent application do hereby declare that the inventorship error in failing to include my name as an inventor in International Application No. PCT/CA2004/002172 occurred without any deceptive intention on my part.

Date: Nov. 7, 2007

Signature: Jingzhong Guo
Jingzhong Guo

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: COLGAN, Terence J., *et al.*
Title: METHODS FOR DETECTING MARKERS
ASSOCIATED WITH ENDOMETRIAL DISEASE OR
PHASE
Application No.: 10/584,207
Filed: June 23, 2006
International Application No. PCT/CA2004/002172

**STATEMENT BY PERSON BEING ADDED AS INVENTOR
(37 C.F.R. § 1.497(d))**

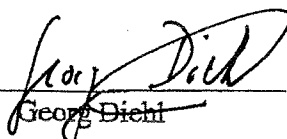
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
U.S.A.

Sir:

This communication is an attachment to a Declaration concurrently being filed pursuant to 35 U.S.C. 371 (c)(4) and 37 C.F.R. 1.497 in connection with the above-identified application.

I, Georg Diehl, residing at Rosenstrasse 13, D-79176 Weil am Rhein, Germany, who is being added as an inventor to correct the inventorship of this patent application do hereby declare that the inventorship error in failing to include my name as an inventor in International Application No. PCT/CA2004/002172 occurred without any deceptive intention on my part.

Date: Nov 7, 2007

Signature: 
Georg Diehl

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: COLGAN, Terence J., *et al.*
Title: METHODS FOR DETECTING MARKERS
ASSOCIATED WITH ENDOMETRIAL DISEASE OR
PHASE
Application No.: 10/584,207
Filed: June 23, 2006
International Application No. PCT/CA2004/002172

**CONSENT OF ASSIGNEES TO INVENTORSHIP CORRECTION
(37 C.F.R. § 1.497(d))**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
U.S.A.

Sir:

This communication is an attachment to a Declaration concurrently being filed pursuant to 35 U.S.C. § 371 (c)(4) and 37 C.F.R. § 1.497 in connection with the above-identified application which are assigned to the following three entities:

First Assignee: MOUNT SINAI HOSPITAL
Address: 600 University Avenue, Room 970 Toronto, Ontario
M5G 1X5, Canada
Second Assignee: UNIVERSITY HEALTH NETWORK
Address: 610 University Avenue
Toronto, Ontario M5G 2M9, Canada
Third Assignee: SIU, K. W. Michael
Address: 27 Cobblestone Drive
Toronto, Ontario M2J 2X6, Canada


The Assignees hereby consent to the correction of inventorship of this application by adding Leroi DeSouza, Georg Diehl and Jingzhong Guo as inventors who were erroneously omitted in International Application No. PCT/CA2004/002172, the omission of which was without deceptive intent.

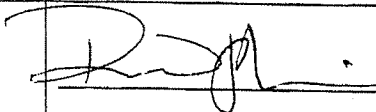
The Assignees and York University hereby consent to the naming K.W. Michael Siu as an Applicant/Owner and not naming York University as an Applicant/Owner.

Attachments:

1. A statement under 37 CFR 3.73(b) by Mount Sinai Hospital indicating that the extent of its ownership interest in the above-identified application is _____% and/or as outlined in the Agreement between the Assignees dated _____ and being attached with a copy of an assignment from Terence J. Colgan to Mount Sinai Hospital
2. A statement under 37 CFR 3.73(b) by University Health Network indicating that the extent of its ownership interest in the above-identified application is 30% and/or as outlined in the Agreement between the Assignees dated Dec. 23/03 and being attached with a copy of an assignment from Alexander D. Romaschin
3. A statement under 37 CFR 3.73(b) by K. W. Michael Siu indicating that the extent of his ownership interest in the above-identified application is 40% and/or as outlined in the Agreement between the Assignees dated Dec. 23/03 and being attached with each copy of assignments (i) from Eric C. C. Yang to K. W. Michael Siu, (ii) from Leroi DeSouza to K. W. Michael Siu, (iii) from Georg Diehl to K. W. Michael Siu, and (iv) from Jingzhong Guo to K. W. Michael Siu

MOUNT SINAI HOSPITAL	By: _____ Name: Title:	Date:
UNIVERSITY HEALTH NETWORK	By: <u>Dr. A.D. Romaschin</u> Name: <u>Dr. A.D. Romaschin</u> Title: <u>Division Head, Biochemistry</u>	Date: <u>Nov 8/07</u>

SIU, K. W. MICHAEL	 K. W. Michael Siu	Date: Nov 2, 2007
YORK UNIVERSITY	_____ David Phipps Director, Office of Research Services York University	Date:

SIU, K. W. MICHAEL	<hr/> K. W. Michael Siu	Date:
YORK UNIVERSITY	 <hr/> David Phipps Director, Office of Research Services York University	Date: Nov 15/07

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: COLGAN, Terence J., *et al.*
Title: METHODS FOR DETECTING MARKERS
ASSOCIATED WITH ENDOMETRIAL DISEASE OR
PHASE
Application No.: 10/584,207
Filed: June 23, 2006
International Application No. PCT/CA2004/002172

**CONSENT OF ASSIGNEES TO INVENTORSHIP CORRECTION
(37 C.F.R. § 1.497(d))**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
U.S.A.

Sir:

This communication is an attachment to a Declaration concurrently being filed pursuant to 35 U.S.C. § 371 (c)(4) and 37 C.F.R. § 1.497 in connection with the above-identified application which are assigned to the following three entities:

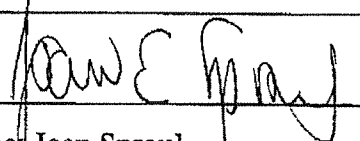
First Assignee: MOUNT SINAI HOSPITAL
Address: 600 University Avenue, Room 970 Toronto, Ontario
M5G 1X5, Canada
Second Assignee: UNIVERSITY HEALTH NETWORK
Address: 610 University Avenue
Toronto, Ontario M5G 2M9, Canada
Third Assignee: SIU, K. W. Michael
Address: 27 Cobblestone Drive
Toronto, Ontario M2J 2X6, Canada

The Assignees hereby consent to the correction of inventorship of this application by adding Leroi DeSouza, Georg Diehl and Jingzhong Guo as inventors who were erroneously omitted in International Application No. PCT/CA2004/002172, the omission of which was without deceptive intent.

The Assignees and York University hereby consent to the naming K.W. Michael Siu as an Applicant/Owner and not naming York University as an Applicant/Owner.

Attachments:

1. A statement under 37 CFR 3.73(b) by Mount Sinai Hospital indicating that the extent of its ownership interest in the above-identified application is 30%.
2. A statement under 37 CFR 3.73(b) by University Health Network indicating that the extent of its ownership interest in the above-identified application is 30%.
3. A statement under 37 CFR 3.73(b) by K. W. Michael Siu indicating that the extent of his ownership interest in the above-identified application is 40%.

MOUNT SINAI HOSPITAL	By:  Name: Joan Sproul Title: Senior Vice-President, Finance	Date: 15 November, 2007
UNIVERSITY HEALTH NETWORK	By: _____ Name: _____ Title: _____	Date: _____
SIU, K. W. MICHAEL	_____ K. W. Michael Siu	Date: _____

YORK UNIVERSITY	<hr/> David Phipps Director, Office of Research Services York University	Date:
------------------------	---	--------------

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Terence J. Colgan, et al.

Application No./Patent No.: 10/584,207 Filed/Issue Date: June 23, 2006

Entitled: METHODS FOR DETECTING MARKERS ASSOCIATED WITH ENDOMETRIAL DISEASE OR PHASE

Mount Sinai Hospital a (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☐ the assignee of the entire right, title, and interest; or
2. ☒ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is 30 %)

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Terence J. Colgan To: Mount Sinai Hospital
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Joan E Sproule
Signature

11/15/07
Date

Printed or Typed Name

Telephone Number

SVP, Finance
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ASSIGNMENT

WHEREAS **Terence J. Colgan**, whose full post office address is **46 Plymbridge Road, Toronto, Ontario, M2P 1A3** (herein called "THE UNDERSIGNED"), has invented certain new and useful improvements in an invention entitled "**Methods for Detecting Markers Associated with Endometrial Disease or Phase**" for which an application for United States Letters Patent was submitted on June 23, 2006 and was given Serial No. 10/584,207.

AND WHEREAS **Mount Sinai Hospital**, of **600 University Avenue, Toronto, Ontario, Canada, M5G 1X5**, has acquired from THE UNDERSIGNED his whole right, title and interest for the United States of America and all other countries in and to the said invention and in and to any Letters Patent that may be obtained therefor, and in and to said application.

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of all of which is hereby acknowledged, THE UNDERSIGNED, by these presents confirm that THE UNDERSIGNED has sold, assigned and transferred and does hereby sell, assign and transfer unto the said **Mount Sinai Hospital**, its successors and assigns, his entire right, title, and interest for all countries in and to the invention disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said invention including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom.

THE UNDERSIGNED agrees that THE UNDERSIGNED or his executors and legal representatives will without further consideration make, execute, and deliver any and all instruments in writing including any and all further application papers, affidavits, assignments, and other documents, and will communicate to **Mount Sinai Hospital**, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest in **Mount Sinai**

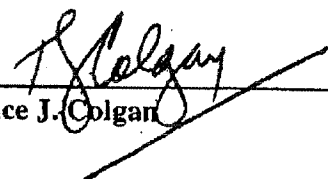
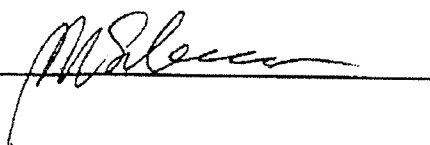
Hospital, it successors or assigns, his entire right, title, and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned, and conveyed, or intended so to be.

THE UNDERSIGNED hereby authorizes and requests the Commissioner of Patents to issue any and all Letters Patent for the aforesaid invention to Mount Sinai Hospital, the assignee of his entire right, title and interest in and to the same, for its sole use and benefit, and for the use and benefit of its successors and assigns, to the full end of the term for which Letters Patent may be granted as fully and entirely as the same would have been held by THE UNDERSIGNED had this assignment and sale not been made.

THE UNDERSIGNED represents and agrees with Mount Sinai Hospital that no assignment, grant, mortgage, license, or other agreement affecting his rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that the full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

SIGNED this 7th day of Feb. 2007, at Toronto, Ontario.

Witness



Terence J. Colgan

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Terence J. Colgan, et al.

Application No./Patent No.: 10/584,207 Filed/Issue Date: June 23, 2006

Entitled: METHODS FOR DETECTING MARKERS ASSOCIATED WITH ENDOMETRIAL DISEASE OR PHASE

University Health Network
(Name of Assignee)

university affiliated teaching hospital
(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☐ the assignee of the entire right, title, and interest; or
2. ☒ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is 30 %)

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Alexander D. Romaschin To: University Health Network
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Alexander D. Romaschin
Signature

Alexander D. Romaschin
Printed or Typed Name

Nov 8/07
Date

416-360-4000 x 2226
Telephone Number

Head, Division of Clinical Biochemistry/St. Michaels Hospital
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Assignment - Worldwide

ASSIGNMENT (Worldwide)

WHEREAS ROMASCHIN, Alexander D., hereinafter referred to as "Assignor", whose full post office address is 3 Broadfield Drive, Toronto, Ontario M9C 1L4, Canada, has made an invention relating to and entitled:

METHODS FOR DETECTING MARKERS ASSOCIATED WITH ENDOMETRIAL DISEASE OR PHASE

hereinafter referred to as "the Invention", as fully set forth and described in the following applications for the United States of America and pursuant for the Patent Cooperation Treaty (PCT), and identified as:

<u>Country</u>	<u>Application No.</u>	<u>Filing Date</u>
PCT	PCT/CA2004/002172	December 21, 2004
United States of America	60/630,990	November 24, 2004
United States of America	60/532,601	December 23, 2003

hereinafter referred to as "the Application";

AND WHEREAS,

UNIVERSITY HEALTH NETWORK

hereinafter referred to as "Assignee", whose full post office address is

610 University Avenue, Toronto, Ontario M5G 2M9, Canada

desires among other things to acquire and confirm acquisition of Assignor's entire right, title, interest and benefit for Canada, the United States and all other countries and jurisdictions in and to the Invention and Application;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby confirms that he has sold, assigned, transferred and set over to Assignee and, for greater certainty, does hereby sell, assign, transfer and set over to Assignee, and to Assignee's successors, assigns, nominees or other legal representatives, his entire right, title, interest, property and benefit in and for Canada, the United States and all other countries and jurisdictions in and to the Invention, including any and all associated copyright with a waiver of moral rights in favor of Assignee, together with his entire right, title, interest, property and benefit in and to the Application, and any applications corresponding thereto in any country or jurisdiction, including any and all corresponding applications whether in the form of divisions, continuations, re-examinations, re-issues and extensions thereof, any and all Letters Patent and Registrations that may issue, be granted or result therefrom for the Invention, and any and all rights of

priority resulting from the filing of the above-identified applications, the said corresponding applications and any previously filed applications in respect of the Invention under international conventions, treaties or otherwise, the same to be held and enjoyed as fully and exclusively as the same would have been held and enjoyed by Assignor had this sale, assignment, transfer and setting over not been made;

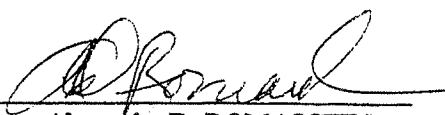
AND ASSIGNOR, on behalf of himself and his heirs, executors and administrators, does hereby covenant and agree to do all such lawful acts and things and to execute and deliver without further consideration such further lawful assignments, instruments, assurances, applications and other documents as may reasonably be required by said Assignee, or by its successors, assigns, nominees, or other legal representatives, to obtain each said Letters Patent and Registrations of Canada and all other countries and jurisdictions for the Invention and vest or secure the same in Assignee, and in Assignee's successors, assigns, nominees or other legal representatives.

AND ASSIGNOR does hereby authorize any official whose duty it is to grant patents or registrations, to grant each said Letters Patent and Registration for the Invention to the Assignee, and to Assignee's successors, assigns, nominees or other legal representatives.

AND ASSIGNOR, on behalf of himself and his heirs, executors and administrators, does hereby authorize said Assignee, its successors, assigns, nominees or other legal representatives, including its Patent Agents, McCarthy Tétrault LLP, to amend the present assignment document to insert or correct the filing date, serial number or other identifying information of the Application as may be needed to record same.

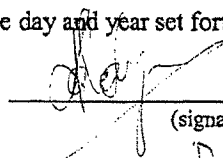
IN WITNESS WHEREOF, Assignor has hereunto signed his name on the day and year set forth below.

DATED this 08 day of Nov, 2007

Name: 
Alexander D. ROMASCHIN

STATEMENT OF WITNESS

I, LEROI DESOUSA, state that I was personally present and did see
(name of witness)
Alexander D. ROMASCHIN, who is personally known to me to be the person named in
the above assignment, duly execute the same on the day and year set forth above.


(signature of witness)
Dr. Leroi DeSouza
Centre for Research in
Mass Spectrometry
York University

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Terence J. Colgan, et al.

Application No./Patent No.: 10/584,207 Filed/Issue Date: June 23, 2006

Entitled: METHODS FOR DETECTING MARKERS ASSOCIATED WITH ENDOMETRIAL DISEASE OR PHASE

K. W. Michael Siu, a (an) individual
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☐ the assignee of the entire right, title, and interest; or
2. ☒ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is 40 %)

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Eric C. C. Yang To: K. W. Michael Siu
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: Leroi DeSouza To: K. W. Michael Siu
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: Georg Diehl To: K. W. Michael Siu
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☒ Additional documents in the chain of title are listed on a supplemental sheet.

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

[Signature] June 2, 2007
Signature Date
K. W. Michael Siu (416) 650-8024
Printed or Typed Name Telephone Number
Director Research Professor
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**SUPPLEMENTAL SHEET TO
STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Terence J. Colgan, et al.

Application No./Patent No.: 10/584,207

Entitled: **METHODS FOR DETECTING MARKERS ASSOCIATED WITH ENDOMETRIAL
DISEASE OR PHASE**

K. W. Michael Siu, an individual
(Name of Assignee) (Type of Assignee)

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

-CONTINUED-

4. From: Jingzhong Guo To: K. W. Michael Siu
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached

ASSIGNMENT

TO: Dr. Michael Siu

Cc: Dr. Alex Romaschin
Dr. Terrence Colgan
York University
University Health Network
Mount Sinai Hospital

YORK UNIVERSITY

OCT 11 2005

OFFICE OF
RESEARCH SERVICES

RE: Endometrial Markers, PCT Application No. PCT/CA2004/002172 (the "Patent Application")
Endometrial Proteomic Research (the "Project")

WHEREAS sources of funding and investment are being sought to continue the Project and clarification of ownership of intellectual property would assist such search;

IN CONSIDERATION of the premises and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned hereby agrees that:

1. the undersigned is a former or current member of the Project team;
2. the undersigned has contributed to the invention which is the subject of the Patent Application;
3. the undersigned assigns, transfers and sets over to Dr. Michael Siu, all right, title and interest in and to any and all writings, drawings, machines, prototypes, compositions of matter, gene sequences, proteins, formulas, designs, methods, processes, data, databases, computer programs, concepts and other works, made, authored, conceived, created or developed pursuant to, derived from, or otherwise related to the Project, including any developments, modifications, improvements, updates, additions and changes thereto (collectively the "Work Products"), and all trade-marks, goodwill, trade names, distinguishing guises, copyrights, trade secrets, industrial designs, patents, inventions (whether patentable or not), know-how or other proprietary or intellectual property rights in or related to the Work Products, including without limitation any patent applications filed, including the Patent Application, and patents granted thereon anywhere in the world (collectively, the "IP Rights");
4. the undersigned waives all moral rights, if any, in the Work Products or the IP Rights, and any similar or analogous rights under the applicable laws of any country of the world;
5. the undersigned shall execute and deliver, without further consideration, all further documents or do such things as may be required to give full effect to this Assignment, and to permit Dr. Siu and York University to obtain and maintain applications, or to facilitate the prosecution of applications, for the protection of the IP Rights; and
6. this Assignment is binding upon the undersigned, the undersigned's heirs, administrators, executors and assigns.

DATED this 27th day of September, 2005.

Name:
Title:

Eric Young

Witness

Jonathan

ASSIGNMENT

YORK UNIVERSITY

SEP 28 2005

OFFICE OF
RESEARCH SERVICES

TO: Dr. Michael Siu

Cc: Dr. Alex Romaschin
Dr. Terrence Colgan
York University
University Health Network
Mount Sinai Hospital


RE: Endometrial Markers, PCT Application No. PCT/CA2004/002172 (the "Patent Application")
Endometrial Proteomic Research (the "Project")

WHEREAS sources of funding and investment are being sought to continue the Project and clarification of ownership of intellectual property would assist such search;

IN CONSIDERATION of the premises and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned hereby agrees that:

1. the undersigned is a former or current member of the Project team;
2. the undersigned has contributed to the invention which is the subject of the Patent Application;
3. the undersigned assigns, transfers and sets over to Dr. Michael Siu, all right, title and interest in and to any and all writings, drawings, machines, prototypes, compositions of matter, gene sequences, proteins, formulas, designs, methods, processes, data, databases, computer programs, concepts and other works, made, authored, conceived, created or developed pursuant to, derived from, or otherwise related to the Project, including any developments, modifications, improvements, updates, additions and changes thereto (collectively the "Work Products"), and all trade-marks, goodwill, trade names, distinguishing guises, copyrights, trade secrets, industrial designs, patents, inventions (whether patentable or not), know-how or other proprietary or intellectual property rights in or related to the Work Products, including without limitation any patent applications filed, including the Patent Application, and patents granted thereon anywhere in the world (collectively, the "IP Rights");
4. the undersigned waives all moral rights, if any, in the Work Products or the IP Rights, and any similar or analogous rights under the applicable laws of any country of the world;
5. the undersigned shall execute and deliver, without further consideration, all further documents or do such things as may be required to give full effect to this Assignment, and to permit Dr. Siu and York University to obtain and maintain applications, or to facilitate the prosecution of applications, for the protection of the IP Rights; and
6. this Assignment is binding upon the undersigned, the undersigned's heirs, administrators, executors and assigns.

DATED this 27th day of SEPTEMBER 2005.


Name: J. Leroi DeSouza
Title: MANAGER - PROTEOMICS FACILITY


Witness

ASSIGNMENT

TO: Dr. Michael Siu

Cc: Dr. Alex Romaschin
Dr. Terrence Colgan
York University
University Health Network
Mount Sinai Hospital

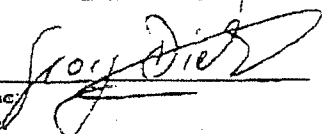
RE: Endometrial Markers, PCT Application No. PCT/CA2004/002172 (the "Patent Application")
Endometrial Proteomic Research (the "Project")

WHEREAS sources of funding and investment are being sought to continue the Project and clarification of ownership of intellectual property would assist such search;

IN CONSIDERATION of the premises and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned hereby agrees that:

1. the undersigned is a former or current member of the Project team;
2. the undersigned has contributed to the invention which is the subject of the Patent Application;
3. the undersigned assigns, transfers and sets over to Dr. Michael Siu, all right, title and interest in and to any and all writings, drawings, machines, prototypes, compositions of matter, gene sequences, proteins, formulas, designs, methods, processes, data, databases, computer programs, concepts and other works, made, authored, conceived, created or developed pursuant to, derived from, or otherwise related to the Project, including any developments, modifications, improvements, updates, additions and changes thereto (collectively the "Work Products"), and all trade-marks, goodwill, trade names, distinguishing guises, copyrights, trade secrets, industrial designs, patents, inventions (whether patentable or not), know-how or other proprietary or intellectual property rights in or related to the Work Products, including without limitation any patent applications filed, including the Patent Application, and patents granted thereon anywhere in the world (collectively, the "IP Rights");
4. the undersigned waives all moral rights, if any, in the Work Products or the IP Rights, and any similar or analogous rights under the applicable laws of any country of the world;
5. the undersigned shall execute and deliver, without further consideration, all further documents or do such things as may be required to give full effect to this Assignment, and to permit Dr. Siu and York University to obtain and maintain applications, or to facilitate the prosecution of applications, for the protection of the IP Rights; and
6. this Assignment is binding upon the undersigned, the undersigned's heirs, administrators, executors and assigns.

DATED this 26 day of September, 2005.


Name _____
Title _____

Georg Diehl
Research Investigator
NIBR/PSB/Separations
Novartis Pharma AG
WKL - 122.P33
© +41 61 696 21 70



Witness

ASSIGNMENT

TO: Dr. Michael Siu

Cc: Dr. Alex Romaschin
Dr. Terrence Colgan
York University
University Health Network
Mount Sinai Hospital

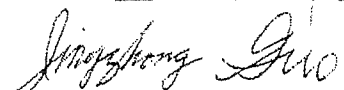
RE: Endometrial Markers, PCT Application No. PCT/CA2004/002172 (the "Patent Application")
Endometrial Proteomic Research (the "Project")

WHEREAS sources of funding and investment are being sought to continue the Project and clarification of ownership of intellectual property would assist such search;

IN CONSIDERATION of the premises and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned hereby agrees that:

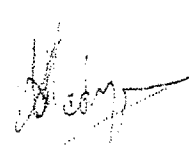
1. the undersigned is a former or current member of the Project team;
2. the undersigned has contributed to the invention which is the subject of the Patent Application;
3. the undersigned assigns, transfers and sets over to Dr. Michael Siu, all right, title and interest in and to any and all writings, drawings, machines, prototypes, compositions of matter, gene sequences, proteins, formulas, designs, methods, processes, data, databases, computer programs, concepts and other works, made, authored, conceived, created or developed pursuant to, derived from, or otherwise related to the Project, including any developments, modifications, improvements, updates, additions and changes thereto (collectively the "Work Products"), and all trade-marks, goodwill, trade names, distinguishing guises, copyrights, trade secrets, industrial designs, patents, inventions (whether patentable or not), know-how or other proprietary or intellectual property rights in or related to the Work Products, including without limitation any patent applications filed, including the Patent Application, and patents granted thereon anywhere in the world (collectively, the "IP Rights");
4. the undersigned waives all moral rights, if any, in the Work Products or the IP Rights, and any similar or analogous rights under the applicable laws of any country of the world;
5. the undersigned shall execute and deliver, without further consideration, all further documents or do such things as may be required to give full effect to this Assignment, and to permit Dr. Siu and York University to obtain and maintain applications, or to facilitate the prosecution of applications, for the protection of the IP Rights; and
6. this Assignment is binding upon the undersigned, the undersigned's heirs, administrators, executors and assigns.

DATED this 27 day of Sept, 2005.



Name: JINGZHONG GUO
Title:

Research Associate



Witness

SECOND SUPPLEMENTAL APPLICATION DATA SHEET

Application Information	
Application Number::	10/584,207
Filing Date::	June 23, 2006
Application Type::	Regular
Subject Matter::	Utility
Suggested Classification::	
Suggested Group Art Unit::	
CD-ROM or CD-R::	None
Number of CD disks::	0
Number of Copies of CDs::	0
Sequence Submission?::	Yes
Computer Readable Form (CRF)?::	Yes
Number of Copies of CRF::	1
Title::	METHODS FOR DETECTING MARKERS ASSOCIATED WITH ENDOMETRIAL DISEASE OR PHASE
Attorney Docket Number::	MTS5USA
Request for Early Publication?	No
Request for Non-Publication?	No
Suggested Drawing Figure::	
Total Drawing Sheets::	39
Small Entity::	Yes
Latin name::	
Variety denomination name	
Petition Included::	No
Petition Type	
Licensed US Govt. Agency::	No
Contract or Grant Number::	
Secrecy Order in Parent Application::	No

Applicant Information	
Applicant Authority Type::	Inventor
Primary Citizenship Country::	Canada
Status::	Full Capacity
Given Name::	Terence
Middle Name::	J.
Family Name::	Colgan
Name Suffix::	
City of Residence::	Toronto
State or Province of Residence::	Ontario
Country of Residence::	Canada
Street of Mailing Address::	46 Plymbridge Road
City of Mailing Address::	Toronto
State or Province of Mailing Address::	Ontario
Country of Mailing Address::	Canada
Postal or Zip Code of Mailing Address::	M2P 1A3

Applicant Information	
Applicant Authority Type::	Inventor
Primary Citizenship Country::	Canada
Status::	Full Capacity
Given Name::	Michael <u>K.W.</u>
Middle Name::	K.W. <u>Michael</u>
Family Name::	Siu
Name Suffix::	
City of Residence::	Toronto
State or Province of Residence::	Ontario
Country of Residence::	Canada
Street of Mailing Address::	27 Cobblestone Drive
City of Mailing Address::	Toronto
State or Province of Mailing Address::	Ontario
Country of Mailing Address::	Canada
Postal or Zip Code of Mailing Address::	M2J 2X6

Applicant Information	
Applicant Authority Type::	Inventor
Primary Citizenship Country::	Canada
Status::	Full Capacity
Given Name::	Alexander
Middle Name::	D.
Family Name::	Romaschin
Name Suffix::	
City of Residence::	Toronto
State or Province of Residence::	Ontario
Country of Residence::	Canada
Street of Mailing Address::	3 Broadfield Drive
City of Mailing Address::	Toronto
State or Province of Mailing Address::	Ontario
Country of Mailing Address::	Canada
Postal or Zip Code of Mailing Address::	M9C 1L4

Applicant Information	
Applicant Authority Type::	Inventor
Primary Citizenship Country::	Canada
Status::	Full Capacity
Given Name::	Eric
Middle Name::	C.C.
Family Name::	Yang
Name Suffix::	
City of Residence::	Toronto
State or Province of Residence::	Ontario
Country of Residence::	Canada
Street of Mailing Address::	23 Elynhill Drive
City of Mailing Address::	Toronto
State or Province of Mailing Address::	Ontario
Country of Mailing Address::	Canada
Postal or Zip Code of Mailing Address::	M2R 1C5

<u>Applicant Information</u>	
<u>Applicant Authority Type::</u>	<u>Inventor</u>
<u>Primary Citizenship Country::</u>	<u>Canada</u>
<u>Status::</u>	<u>Full Capacity</u>
<u>Given Name::</u>	<u>Leroi</u>
<u>Middle Name::</u>	
<u>Family Name::</u>	<u>DeSouza</u>
<u>Name Suffix::</u>	
<u>City of Residence::</u>	<u>North York</u>
<u>State or Province of Residence::</u>	<u>ON</u>
<u>Country of Residence::</u>	<u>CA</u>
<u>Street of Mailing Address::</u>	<u>325 Ranees Avenue</u>
<u>City of Mailing Address::</u>	<u>North York</u>
<u>State or Province of Mailing Address::</u>	<u>ON</u>
<u>Country of Mailing Address::</u>	<u>CA</u>
<u>Postal or Zip Code of Mailing Address::</u>	<u>M6A 1N9</u>

<u>Applicant Information</u>	
<u>Applicant Authority Type::</u>	<u>Inventor</u>
<u>Primary Citizenship Country::</u>	<u>Germany</u>
<u>Status::</u>	<u>Full Capacity</u>
<u>Given Name::</u>	<u>Georg</u>
<u>Middle Name::</u>	
<u>Family Name::</u>	<u>Diehl</u>
<u>Name Suffix::</u>	
<u>City of Residence::</u>	<u>Weil am Rhein</u>
<u>State or Province of Residence::</u>	
<u>Country of Residence::</u>	<u>Germany</u>
<u>Street of Mailing Address::</u>	<u>Rosenstrasse 13</u>
<u>City of Mailing Address::</u>	<u>Weil am Rhein</u>
<u>State or Province of Mailing Address::</u>	
<u>Country of Mailing Address::</u>	<u>Germany</u>
<u>Postal or Zip Code of Mailing Address::</u>	<u>D-79176</u>

<u>Applicant Information</u>	
<u>Applicant Authority Type::</u>	<u>Inventor</u>
<u>Primary Citizenship Country::</u>	<u>Canada</u>
<u>Status::</u>	<u>Full Capacity</u>
<u>Given Name::</u>	<u>Jingzhong</u>
<u>Middle Name::</u>	
<u>Family Name::</u>	<u>Guo</u>
<u>Name Suffix::</u>	
<u>City of Residence::</u>	<u>Saint-Laurent</u>
<u>State or Province of Residence::</u>	<u>QC</u>
<u>Country of Residence::</u>	<u>CA</u>
<u>Street of Mailing Address::</u>	<u>309-595 Marcel-Laurin Blvd.</u>
<u>City of Mailing Address::</u>	<u>Saint-Laurent</u>
<u>State or Province of Mailing Address::</u>	<u>QC</u>
<u>Country of Mailing Address::</u>	<u>CA</u>
<u>Postal or Zip Code of Mailing Address::</u>	<u>H4M 2M1</u>

Correspondence Information	
Correspondence Customer Number::	00270
Name::	Howson and Howson
Street of Mailing Address	Suite 210, 501 Office Center Drive
City of Mailing Address	Fort Washington
State or Province of Mailing Address	PA
Country of Mailing Address	US
Postal or Zip Code of Mailing Address::	19034
Phone Number::	215-540-9200
Fax Number::	215-540-5818
E-Mail Address::	mebak@howsonandhowson.com

Representative Information		
Representative Customer No. 00270	Registration Number	Name

Domestic Priority Information			
Application	Continuity Type	Parent Application	Parent Filing Date
This Application	National Stage of	PCT/CA2004/002172	12/21/04
PCT/CA2004/002172	An application claiming the benefit under 35 USC 119(e) of	60/532,601	12/23/03
PCT/CA2004/002172	An application claiming the benefit under 35 USC 119(e) of	60/630,990	11/24/04

Assignee Information	
Assignee Name::	Mount Sinai Hospital
Street of Mailing Address::	600 University Avenue, Room 970
City of Mailing Address::	Toronto
State or Province of Mailing Address::	Ontario
Country of Mailing Address::	Canada
Postal or Zip Code of Mailing Address::	M5G 1X5

Assignee Information	
Assignee Name::	K.W. Michael Siu
Street of Mailing Address::	27 Cobblestone Drive
City of Mailing Address::	Toronto
State or Province of Mailing Address::	Ontario
Country of Mailing Address::	Canada
Postal or Zip Code of Mailing Address::	M2J 2X6

Assignee Information	
Assignee Name::	University Health Network
Street of Mailing Address::	610 University Avenue
City of Mailing Address::	Toronto
State or Province of Mailing Address::	Ontario
Country of Mailing Address::	Canada
Postal or Zip Code of Mailing Address::	M5G 2M9